

To: **GOWG**  
Subject: **Meeting Minutes**  
Date: **March 18, 2004**  
Location: **GSFC Room N220, Bldg 12**  
**Dial in info:**  
Number: **866-836-1481**  
Passcode: **205535**

Next Meeting: April 1, 2004 at 2:00 pm

### **Agenda:**

- No GOWG next week due to number of people on travel to Spectrum Astro(now part of GD)
- [Review current Schedule in light of new Ground System CDR data being moved to August 24 & 25 as per Kevin Grady's request.](#)
  - Ground System SDR August 18<sup>th</sup> and 19<sup>th</sup> .
  - MOC 7/21/04
  - GFEP 6/17/04
  - GSSC 7/13/04
  - FDF ??/??/??
  - LAT ??/??/?? (end of July?)
  - GBM (completed – no plans for additional, just participation in any Ground System review.)
  - LAT IOC Data Challenge completed 2/15/04.
  - GBM completed IOC Plan.
- [Review of LAT Minutes and LAT Action Items:](#)
  - [AI 1: Work formats of data products and exchanges during standing GOWG meetings.](#)
    - Part of Ops Products ICD. John Nagy is bookkeeper.
  - [AI 2: JJ and Lori will provide the LAT "File Model" to the ground system team.](#)
    - No update.
  - [AI 3: David Band offered to document H/K data needed to process science data and details of data in LVDS versus 1553 stream in the PDMP.](#)

- David has started working this. Intended to be a high level overview.
- AI 4: JD to send out updated planning timeline. **AI Closed**. Update distributed by JD.
- AI 5: Each POC from LAT IOC(Dubois), GBM IOC(Preece), GSSC(Corbet), and ~~MOC~~GFEF(Dew) will generate a set of generic requirements for file data transfer protocols and send to MOC (JD (Omitron)). Due Date: ??/??/??
- Code 600 has DTS. Omitron has Fast copy.
- AI 6: LAT team shall assess the impact of adopting FITS (GOWG item)
- AI 7: Mark Davis will check into the issue of possibly having separate VCs for Burst telemetry and alert telemetry.
- AI 8: Ernest will talk with Erik Andrews about the case where "GBM triggers, but LAT does not trigger; thus, no LAT Burst Alert. - David Band has sent an e-mail regarding this topic to Erik.
- This is an issue and David will continue to talk to Erik.
- AI 9: Richard Dubois and Bill Paciesas send redlines of spreadsheet to Ross Cox (e-mail: [ross.M.Cox@akspace.com](mailto:ross.M.Cox@akspace.com)).
- Bill will send Ross updates tomorrow. Richard says 50 gigabytes a day is an upper bound. Lower bound would be 4 gigs. Richard will send out an e-mail. Currently 100 terabytes a year.
- AI 10: Based on expected data for GBM, need to review the MOC & GBM data line currently baselined. - Howard Dew
- MOC will be sending the GBM science as well as housekeeping. With FITS format, GSSC will get at least twice as much Level 1 data as GBM receives as Level 0.
- AI 11: Omitron will look at AMAC Log (Swift Heritage) for possible use as "data product status" for GLAST.
- Back burner. Looking at appropriate method for pulling out data for user's possibly on web. Ernest will send John a link to review EOS data accounting web site.
- AI 12: Determine if a different APID allocation is needed in order to accomodate LAT H/K versus diag ---work with SAI: Tony & Mark Davis.
- Erik Andrews talking to Spectrum FSW group.
- AI 13: LAT IOC team will review the current DFCD and provide comments back to Ernest.

- Ernest is updating and should get a copy out next week.
- New GOWG action??
  - ITAR restrictions with web sites. Who can GSSC let in to their web site?  
Can we develop ground system policy regarding this?
  - GBM – Germans must be covered by some generic wording in a TAA.  
Documents must be hardcopy. Documents cannot be e-mailed.
  - Ken will get Bill Browne to give short presentation at a future GOWG to try to help clear up some of the concerns.
  - Howard will summarize the data that he has received from EOS.
- Ops TIM on 4/15 with LAT
  - Ernest will put out agenda.
- Discuss the number of anticipated daily stored command loads per instrument.  
Current estimate is 30 cmds/day, but no justification has been provided with this number. Need better estimate from IOTs.
  - Don't think there should be any instrument commands but need to include any pointing commands. Pointed Observation command should be a single command. 2000 commands per ATS.
  - Spectrum will be using about 30 of the 64 RTSs. 300 bytes long or up to 25 commands. A number of those RTSs are launch sequence which could then be redefined.
- Risks - Dave Harmon
  - Dave will e-mail out so that we can review at next GOWG.
- GOWG on March 25, 2004 is cancelled due to spacecraft Peer Reviews